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ABSTRACT

A national survey of the teaching of aviation courses in high school was conducted. Valid questionnaires were received from 291 (70%) of the sample persons. The results of this survey show amcng other things, that: (1) most (50%) aviation courses are offered by science departments, (2) the length of the course is usually one year (50%) or one semester (42%), (3) 40% of the students taking the courses are asked by teachers to take the FAA Private Pilot Written Examination, (4) the cost of the course per student is approximately $35, (5) average class size is between eleven and twenty students, and (6) the average school size is 501-1000 students. (BR)

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SURVEY OF AVIATION COURSES IN HIGH SCHOOLS FOR AIR AGE EDUCATION

SE 008 014

MONA HOBSON
MARKETING RESEARCH DEPT

SURVEY OF AVIATION COURSES
IN HIGH SCHOOLS
FOR AIR AGE EDUCATION

TOTAL MAILED	413	APRIL 3, 1969
TOTAL RETURNS	338 (82%)	MAY 23, 1969
TOTAL VALID QUESTIONNAIRES	291 (70%)	MAY 23, 1969

INCENTIVE: CESSNA BALLPOINT PEN

AMOUNT OF COURSE CREDIT

UNITS:	
½	26%
1	37
2½	--*
3	1
5	4
6	1
10	5
30	--*
HOURS:	
1	1%
2	--*
2½	--*
3	1
5	3
10	2
15	--*
OTHER:	7%
NONE:	3%
NO ANSWER:	6%
TOTAL:	100%

*LESS THAN 1%

DEPARTMENT WHERE OFFERED

Industrial Arts	14%
Science	50%
Math	4%
Social Science	3%
Aviation (Aerospace)	5%
Elective	2%
Other	5%
No Answer	17%
Total:	100%

LENGTH OF COURSE

1 Semester	42%
1 Year	50%
2-4 Years	4%
Other (Sem., Wks., Hrs.)	3%
No Answer	1%
Total:	100%

QUESTION 1. HOW MANY STUDENTS ENROLLED IN THE AVIATION COURSE FOR THE SCHOOL YEAR 1968-1969?

*SOPHOMORES

1-5	61%
6-10	12
11-20	15
21-30	5
31-40	3
OVER 41	4
TOTAL:	100%

*JUNIORS

1-5	30%
6-10	25
11-20	24
21-30	10
31-40	4
OVER 41	7
TOTAL:	100%

*NOT ALL SCHOOLS ENROLLED SOPHOMORES AND JUNIORS

*SENIORS

1-5	20%
6-10	18
11-20	33
21-30	10
31-40	8
OVER 41	11
TOTAL:	100%

**OTHERS

JUNIOR HIGH	57%
ADULTS	30
OTHER	13
TOTAL:	100%

*NOT ALL SCHOOLS ENROLLED SENIORS.

**SCHOOLS ENROLLING OTHERS THAN HIGH SCHOOL SOPHOMORES, JUNIORS, AND SENIORS.

TOTAL SCHOOL ENROLLMENT

UNDER 50	3%
150-300	6
301-500	9
501-1000	16
1001-1500	11
1501-2000	8
2001-2500	10
2501-3000	4
OVER 3001	2
NO ANSWER	31
TOTAL:	100%

QUESTION 2A.: DID OR DO YOU ASK ALL THE STUDENTS TO TAKE THE FAA PRIVATE PILOT WRITTEN EXAMINATION?

YES	40%
NO	60
TOTAL:	100%

QUESTION 2B.: HOW MANY STUDENTS HAVE TAKEN THE FAA EXAMINATION?

NONE	55%
1-5	23
6-10	10
11-15	4
16-20	1
OVER 21	3
NO ANSWER	4
TOTAL:	100%

QUESTION 2c.: HOW MANY STUDENTS PLAN TO TAKE THE FAA EXAMINATION?

None	11%
1-5	23
6-10	16
11-15	12
16-20	8
21-30	8
31-40	2
Over 41	4
No Answer	16
Total:	100%

QUESTION 2D.: HOW MANY STUDENTS (SCHOOL YEAR 1968-1969) HAVE PASSED THE FAA EXAMINATION?

NONE	46%
1-5	29
6-10	6
11-20	3
NO ANSWER	16
TOTAL:	100%

QUESTION 2E.: HOW MANY STUDENTS ARE TAKING FLYING LESSONS?

NONE	27%
1-5	49
6-10	17
11-15	3
16-20	2
OVER 21	2
NO ANSWER	--*
TOTAL:	100%

*LESS THAN 1%

QUESTION 2F.: HOW MANY STUDENTS ARE PRIVATE PILOTS?

NONE	77%
1	12
2	5
3	3
4	1
5	1
OVER 6	1
NO ANSWER	--*
TOTAL:	100%

*LESS THAN 1%

QUESTION 3.: TO THE BEST OF YOUR KNOWLEDGE, HOW MANY STUDENTS HAVE INDICATED THAT MEMBERS OF THEIR IMMEDIATE FAMILIES HAVE TAKEN RIDES OR BEGUN FLIGHT INSTRUCTION AS A RESULT OF THE STUDENT'S INVOLVEMENT IN THE AVIATION COURSE?

None	33%
1-5	41
6-10	8
11-20	6
Over 21	4
No Answer	8
Total:	100%

QUESTION 4A.: ARE THE STUDENTS ENCOURAGED TO TAKE A FLYING LESSON OR RIDE IN A LIGHT AIRPLANE DURING THE COURSE?

YES	98%
NO	2
TOTAL:	100%

QUESTION 4B.: HOW MANY STUDENTS ACTUALLY TOOK A LESSON OR A RIDE DURING THE COURSE?

1-10	33%
11-20	31
21-30	11
31-40	5
OVER 40	13
NONE	4
NO ANSWER	3
TOTAL:	100%

QUESTION 4c.: APPROXIMATELY HOW LONG (TOTAL AMOUNT OF TIME) WAS A FLIGHT?

1/4	4%
1/2	35
3/4	16
1	27
1-1/4	1
1-1/2	5
2	2
3	1
OTHER	1
NO ANSWER	8
TOTAL:	100%

QUESTION 4D.: HOW MANY FLIGHTS DOES A STUDENT USUALLY TAKE DURING THE COURSE (IF HE IS NOT IN FLIGHT TRAINING)?

NONE	5%
1	38
2	30
3	7
4	2
NO ANSWER	18
TOTAL:	100%

**QUESTION 5A.: WHAT AIRCRAFT ARE GENERALLY USED TO GIVE THESE STUDENTS A FLIGHT?

CESSNA 150	28%
CESSNA 172	26
PIPER 140	13
PIPER 180	7
BEECH MUSKETEER	3
AERO COMMANDER DARTER	1
AMERICAN YANKEE	—*

*LESS THAN 1%

**MULTIPLE ANSWERS, MORE THAN ONE AIRCRAFT USED.

SEE NEXT PAGE OF "OTHER AIRCRAFT" FOR TOTALS.

OTHER AIRCRAFT

CESSNA 206	1
CESSNA 182	5
CESSNA 180	-*
CESSNA 210	-*
CESSNA 177	1
CESSNA 175	-*
CESSNA 205	-*
CESSNA 310	-*
CESSNA 140	-*
CESSNA 195	-*
CESSNA 170	-*
CESSNA 120	-*
PIPER J-3	1
PIPER 12	1
PIPER CHEROKEE 6	1
PIPER COMMANCHE 180	-*
PIPER TRI-PACER	1
PIPER APACHE	-*
PIPER AZTEC	1*
PIPER 18	-*
PIPER NAVAJO	-*
PIPER CHEROKEE 300D	-*
BEECH BARON	-*
TRI-CHAMP	-*
AIR COUPE	-*
MOONEY	2
AERONA CHIEF	1
CITABRIA	-*
BONANZA	1
DEHAVILAND	-*
SAILPLANE	-*
OTHER	1
TOTAL:	100%

*LESS THAN 1%

*QUESTION 5B.: WHO OWNS THIS AIRCRAFT?

FBO	63%
TEACHER	10
PRIVATE INDIVIDUALS	13
FLYING CLUB	4
SCHOOL LEASED AIRCRAFT	2
FLIGHT SCHOOL	2
NO ANSWER	5
OTHER	1
TOTAL:	100%

*MULTIPLE ANSWERS, MORE THAN ONE AIRCRAFT USED.

QUESTION 6A.: IS THIS FIXED BASE OPERATOR AN AIRCRAFT DEALER?

YES	65%
NO	22
NO ANSWER	13
TOTAL:	100%

IF "YES", WHAT MANUFACTURER?

CESSNA	64%
PIPER	27
BEECH	4
MOONEY	2
AERO COMMANDER	2
CITABRIA	1
TOTAL:	100%

QUESTION 6B.: DOES YOUR CLASS VISIT A FIXED BASE OPERATION DURING THE COURSE?

YES	82%
NO	16
NO ANSWER	2
TOTAL:	100%

IF "YES", HOW OFTEN?

1	42%
2	30
3	9
4	4
5	3
OVER 5	4
NO ANSWER	8
TOTAL:	100%

*QUESTION 6c.: HOW ARE THE STUDENTS PREPARED FOR THE TRIP TO THE FIXED BASE OPERATOR?

PREFLIGHT UNIT	11%
CLASS BRIEFING AND DISCUSSION ABOUT THE FIELD TRIP.	29
EXPLANATION OF THE FBO'S ROLE AND PLACE OF AVIATION IN THE ECONOMY.	5
DISCUSSION OF GENERAL AVIATION	1
DISCUSSION OF FLIGHT TECHNIQUES AND AIRCRAFT PARTS AND OPERATION.	9
DISCUSSION OF AIRPORT OPERATION	3
NAVIGATION UNIT	3
OPERATOR VISITS THE CLASS PRIOR TO THE TRIP.	5
DISCUSSION OF CAREER OPPORTUNITIES WITH AN FBO.	1
REGULAR CLASSWORK	5
SAFETY PROCEDURES	2
OTHER	4
NO ANSWER	22
TOTAL:	100%

*MULTIPLE ANSWERS

*QUESTION 6D.: WHAT DOES THE OPERATOR SHOW THE CLASS DURING ITS VISIT? (MAINTENANCE AREA, ETC.)

ENTIRE FIXED BASE OPERATION	28%
MAINTENANCE AREAS	13
AIRCRAFT	13
HANGERS	2
FLIGHT OPERATIONS	4
GROUND SCHOOL AND LINKS	3
AIRCRAFT PRE-FLIGHT CHECK	5
AIRCRAFT OPERATION	4
UNICOM (RADIO OPERATIONS)	3
DISCUSSION WITH OPERATOR	1
VERY LITTLE	1
OTHER	5
NO ANSWER	18
TOTAL:	100%

*MULTIPLE ANSWERS

*QUESTION 6E.: WHAT HELP AND COOPERATION DOES THE FIXED BASE OPERATOR GIVE YOU AND YOUR CLASS?

VERY COOPERATIVE	21%
ALL THE HELP WE NEED	7
VERY LITTLE HELP	5
NO HELP AT ALL	4
LENDS OR GIVES AUDIO-VISUALS AND OTHER MATERIALS	10
LENDS OTHER EQUIPMENT	1
GIVES TOURS AND BRIEFINGS	5
GIVES INTRODUCTORY FLIGHTS	8
GIVES REDUCED RATE FLYING TIME	7
GIVES FREE FLYING TIME (I.E., 1 HR. OF DUAL, ETC.)	1
WILL PROVIDE SPEAKERS FOR THE CLASS AT SCHOOL.	7
OTHER	5
NO ANSWER	19
TOTAL:	100%

*MULTIPLE ANSWERS

QUESTION 7A.: WHAT TEXTBOOKS AND OTHER MATERIALS DO YOU USE IN THE AVIATION COURSE?

	BASIC	SUPPLEMENTARY
PRIVATE PILOT HANDBOOK (FAA)	27%	24%
FUNDAMENTALS OF AVIATION AND SPACE TECHNOLOGY (UNIV. OF ILL.)	5	8
INTRODUCTION TO AERONAUTICS (VAN DEVENTER)	8	7
SANDERSON, BOOKS AND AUDIO-VISUALS	30	15
JEPPESEN, BOOKS AND AUDIO-VISUALS	12	12
A-V COMPANY, BOOKS AND AUDIO-VISUALS	2	4
OTHER	15	29
NO ANSWER	1	1
TOTALS:	100%	100%

QUESTION 7B.: ARE THE MATERIALS ADEQUATE FOR THE SCOPE OF THE COURSE?

YES	74%
NO	25
NO ANSWER	1
TOTAL:	100%

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

A "MOCK UP" INSTRUMENT PANEL WITH ADJUSTABLE INSTRUMENTS.

AUDIO VISUAL

HISTORICAL BACKGROUND, AVIATION TODAY, AVIATION AND THE INDIVIDUAL.

MORE SIMPLIFIED VOCABULARY IN BOOKLETS FOR YOUNG PEOPLE.

LIBRARY OF AIRCRAFT COMPONENTS WHICH WE COULD CHECK OUT FOR CLASSROOM USE.

MORE MATERIAL IS NEEDED FOR AVOCATIONAL - GROUND SUPPORT - RELATED JOBS, ETC. INTEREST - SCHOOLS (PUBLIC) SHOULD NOT ENGAGE IN PILOT PREPARATION ONLY.

THERE IS A GREAT NEED FOR "MOCK-UP" OR SIMULATED INSTRUMENT PANEL. CONVERT OBJECTS FOR EMONSTRATION, I.E., AIRSPEED INDICATORS, GYRO COMPASS, TACHOMETER, ETC.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

A SECTION ON AEROSPACE - HISTORY - SOCIAL IMPACT - PRACTICAL USE FOR AVIATION COURSE.

THIS IS FIRST YEAR FOR THE COURSE, MANY MORE MATERIALS CAN BE DEVELOPED. I PLAN ON BUILDING A SMALL WIND TUNNEL TO BE USED IN THE THEORY OF FLIGHT.

MATERIALS NEED TO BE DEVELOPED THAT WILL COORDINATE AND INTEGRATE MATH, SCIENCE, ENGLISH, LAB COURSE AS WE HAVE DEVELOPED.

MORE ADEQUATE MAPS AND CHARTS THAN THE SANDERSON COURSE PROVIDES. GOOD MOVIES TO SUPPLEMENT THE FILM STRIPS, A STILL PICTURE SIMPLY DOES NOT SUPPLY THE REALISM OF PRE-FLIGHT CHECKOUT, TAXIING, TAKE-OFF AND LANDING, ETC., AND OTHER FLIGHT MANEUVERS THAT A MOVIE DOES. RELATIVELY INEXPENSIVE COCKPIT "MOCK-UPS".

AUDIO-VISUALS TO BE USED IN CONJUNCTION WITH THE "FUNDAMENTALS OF OF AVIATION AND SPACE TECHNOLOGY" TEXT. MORE SUITABLE MATERIALS FOR PRESENTATION OF SOCILOLGY, ECONOMIC, POLITICAL ASPECT OF AEROSPACE.

AVIATION HISTORY - CONTEMPORARY AEROSPACE - SOCIO-ECONOMIC IMPLICATIONS & ASPECTS OF AVIATION (PAST) & AEROSPACE - AEROSPACE'S PROJECTED FUTURE - MORE ABOUT CAREERS AND TRAINING NEEDED, ETC., IN AEROSPACE.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

A COMPLETE TEXTBOOK UNDER $4.00 FOR THE COURSE - NO HIGH EXPENSES.

BOOKS SHOULD BE AVAILABLE AS A SUPPLEMENT, ORIENTED TO THE NON-PILOT INTEREST ALSO.

A LARGE CLASSROOM COMPUTER, CHEAP PAPER PLOTTER, STIMULATING CHARTS, GRAPHS, ETC., OF FAA REGS, BASIC MANEUVERS, AIRPLANE COMPONENTS, AND TRAFFIC PATTERNS.

SOME MORE PERMENANT OR REGULAR SUPPLEMENTED TEXT.

I FEEL THAT I COULD DO A BETTER JOB WITH MORE MODELS AND ILLUSTRATED MATERIAL. I COULD CUT DOWN ON PRESENTATION TIME AND HAVE BETTER RETENTION.

A SERIES OF 35MM SLIDE PRESENTATIONS WITH PICTURES OF AIRPLANES IN PRACTICAL CONFIGURATIONS. SIMULATORS FOR USE IN HIGH SCHOOL COURSES. RECORDS OF CONTROL CENTERS IN ACTION AVAILABLE TO SCHOOLS AT MINIMAL PRICES. SETS OF LOCAL CHARTS. MANY NEW TEACHING AIDS DESIGNED FOR SECONDARY LEVEL INTRODUCTION TO FLIGHT.

INSTRUMENT PANEL TEACHING AID. PROJECTS FOR STUDENTS TO BUILD - LAB EXERCIES. SOME WAY OF GETTING THE STUDENTS IN THE AIR.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

MATERIAL ON HISTORY & HERITAGE OF AVIATION AND INFORMATION ON EARLY FLIGHT EXPERIEMENTS.

COVERAGE OF CAREER OPPORTUNITITES RELATIVE TO ACTUAL FLYING AS IN FAA'S "WHERE OPPORTUNITIES ARE BRIGHT" FILM STRIP.

NEED A TEXT THAT PRESENTS A WHOLE NEW APPROACH TO AEROSPACE STUDIES. GET OFF THE IDEA THAT EVERY ONE IS TO BE A PILOT. IT IS ONE AREA ONLY. HISTORY - PROBLEMS - CAREERS - SPACE TECHNOLOGY - BASICS OF NAV. WX. ETC.

A GOOD SERIES ON THE THEORY OF FLIGHT, EITHER FILM STRIP AND RECORD OR BETTER YET, MOTION PICTURES. THESE SHOULD BE LIKE THE OLD SHELL OIL FILMS ON THE THEORY OF FLIGHT. AIRPLANE PARTS, INSTRUMENTS, ENGINES, ETC.

I WOULD LIKE TO HAVE MODEL V.O.R. EQUIPMENT AND OTHER RADIO EQUIPMENT WHICH IS NOT AS EXPENSIVE AS A.D.F. AND D.M.E.

WEATHER - WOULD ENJOY OUTSIDE READING DISCUSSING THEORY OF FLIGHT, EG. - TRICYCLE GEAR VS OTHER, ADVANTAGES, IF ANY, OF BI-PLANE OVER MONO, ETC.

NEED A GOOD TEXT ON THE HISTORY OF AVIATION AND A GOOD TEXT ON THE SPACE UNIT.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

I WOULD LOVE HAVING "CUT-AWAY" INSTRUMENTS FOR CLASS STUDY.

MORE MATERIAL ON THE ENGINE

MORE MATERIAL ON CAREERS OR JOB OPPORTUNITIES CONNECTED WITH FLYING.

TEACHING AIDS FOR V.O.R. AND A.D.F. AND MAGNETIC COMPASS.

MORE INFORMATION ON: TYPES OF AIRCRAFT AVAILABLE, INSURANCE NEEDED, HOW TO REGISTER IT, FINANCE PROBLEMS, WHERE TO AND HOW TO GET MECHANICAL (DEPENDABLE) WORK DONE.

A PRIVATE PILOTS' HANDBOOK SO DESIGNED THAT IT CAN BE UPDATED EASILY. I AM WORKING ON THIS NOW.

MATERIALS ARE AVAILABLE BUT STUDENT'S EXPENSES WOULD BE TO MUCH SO TEACH COURSE WITH A MINIMUM OF EQUIPMENT. WOULD LIKE TO HAVE LOCAL OPERATOR SUPPLIED WITH TEXTS, ETC., SO THAT WE CAN HAVE THEM WHEN WE NEED THEM. SOURCES GIVEN IN CESSNA OUTLINE OF COURSE ARE TO LONG DELIVERING MATERIALS ORDERED. AIRMAN'S INFORMATION MANUAL IS NEEDED. MUCH MATERIAL IS BOUGHT AT TEACHER'S EXPENSE.

OUR COURSE IS NOT INTENDED TO PRODUCE ONLY PILOTS BUT TO GUIDE STUDENTS INTO ALL AREAS OF THE INDUSTRY. A LAB MANUAL THAT STRESSES THESE ASSOCIATED OCCUPATIONS WOULD BE HELPFUL.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE TO THE COURSE?

I WOULD LIKE MANY MORE LIGHT PLANE FAMILIARIZATION FILMS. I HAVE MADE MY OWN 200 FOOT 16MM COLOR FILM ON YOUR 150 GROUND AND AIR CONTROL MOVEMENTS, COCKPIT, ENGINE COMPARTMENT, CHECK FLIGHT AND LANDING SHOTS. I WOULD LIKE TO HAVE ABOUT 25 "150" OWNER'S MANUALS FOR CLASS WORK.

MORE VISUAL AIDS - SLIDES - MOVIES - OVERLAYS, ETC.

ANY MATERIALS DEALING WITH WEATHER AND RADIO NAVIGATION. THIS SEEMS TO PRESENT THE MOST DIFFICULT AREA TO THE STUDENTS.

UNITS ON HISTORY OF AVIATION AND JOB OPPORTUNITITES IN AVIATION. (AEROSPACE)

BASIC TEXTS DEALING WITH ENGINEERING PROBLEMS IN AERO-DYNAMICS. COURSE WAS INITIATED WITH AN HONOR SCIENCE COURSE.

CESSNA'S AIR AGE EDUCATION DIVISION HAS HELPED MORE THAN ANYONE OR ANYTHING.

A GOOD HIGH SCHOOL TEXT IN AEROSPACE SCIENCE.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

MORE FILMS COULD BE MADE AVAILABLE THROUGH "CESSNA" AND OTHER DEALERS AS TO ACTUAL EXPERIENCE OF FLYING. SHOW HOW AN AIR-PLANES STALLS, AND THE SOUND IT MAKES WHEN IN A STALL. SHOW THESE FILMS:

PRE-FLIGHT
FLYING IN IFR WEATHER, LANDINGS & ETC.

WHAT MATERIALS COULD BE DEVELOPED OR EXPANDED THAT WOULD BE OF VALUE IN THE COURSE?

SMALL PLYWOOD OR PLASTIC MODELS, WITH CONTROLS AVAILABLE FROM COCKPIT. (USED TO BE AVAILABLE). TYPICAL AIRPORT, WITH RUNWAYS, MOVABLE WIND SOCK OR TETRABEDES, RUN WAY #5, ETC., ON A FOLDING, CARDBOARD BASE, EASY TO USE AND EASY TO STORE.

A PROGRAMED TYPE COURSE TO HELP THE STUDENTS LEARN THE FAA REGULATIONS. SOMETHING THEY CAN SPEND SOMETIME ON TO LOOK UP ANSWERS. NEED TO MAKE THEM READ THE REGULATIONS INSTEAD OF SEEING THEM EXPLAINED ON FILM STRIPS.

PRACTICE CROSS COUNTRY TESTS. CHEAPER COMPUTORS FOR CLASS-ROOM USE.

I USUALLY BUY A MODEL AIRPLANE TO ASSEMBLE DURING THE CLASS. POSSIBLE A MODEL KIT COSTING ABOUT $25.00 OR $30.00 COULD BE ASSEMBLED FOR THE COURSE.

I WOULD LIKE SOMETHING IN THE AREA OF SPACE TECHNOLOGY. ROCKET ENGINES, JET ENGINES AND MISSELS.

LARGER COMPUTER (4' HIGH). LARGE ALTIMETER AND OTHER INSTRUMENT FACES WITH MOVABLE HANDS.

AN OPPORTUNITY FOR STUDENTS TO HAVE THE AVAILABILITY OF A FLIGHT EXPERIENCE. HOPEFULLY THIS WILL WORK OUT.

QUESTION 9A.: WHO PAYS FOR THE COST OF THE COURSE?

	TEXTS	SUPPLEMENTAL MATERIALS
SCHOOL	67%	68%
STUDENT	23	13
OTHER	7	8
NO ANSWER	3	11
TOTALS:	100%	100%

	FIELD TRIP EXPENSES	FLIGHT LESSON	OTHER
SCHOOL	52%	9%	67%
STUDENT	30	62	33
OTHER	5	11	—
NO ANSWER	13	18	--
TOTALS:	100%	100%	100%

QUESTION 9B.: WHAT IS THE COST OF THE COURSE?

	TEXTS	
$.00 - $5.00	40%	
$5.01 - $10.00	35	AVERAGE COST:
$10.01 - $15.00	11	$8.60 (PER PERSON)
OVER $15.00	14	
TOTAL:	100%	

	SUPPLEMENTAL MATERIALS	
$.00 - $2.50	28%	
$2.51 - $5.00	27	AVERAGE COST:
$5.01 - $10.00	24	$7.75 (PER PERSON)
$10.01 - $15.00	13	
OVER $15.00	8	
TOTAL:	100%	

QUESTION 9B.: (CONT'D)

	FIELD TRIP
$.00 - $2.00	39%
$2.01 -$5.00	37
$5.01 - $10.00	14
$10.01 - $15.00	5
OVER $15.00	5
TOTAL:	100%

AVERAGE COST:
$5.00 (PER PERSON

	FLIGHT LESSON
$.00 - $5.00	30%
$5.01 - $10.00	28
$10.01 -$15.00	23
$15.01 - $20.00	9
OVER $20.00	10
TOTAL:	100%

AVERAGE COST:
$12.00 (PER PERSON

	OTHER
$.00 - $5.00	100%

AVERAGE COST:
$3.00 (PER PERSON

**QUESTION 10.: WHAT FIELD TRIPS DOES THE CLASS TAKE?

Weather Bureau	15%
Flight Service Station	15
Air Traffic Control	14
Control Tower	16
Fixed Base Operation	18
Airline Facilities	9
Other:	
Air Force Base	4
A & P Shop	1
Ag Operation	--*
Local Airport	--*
Air Museum	1
Aircraft Factories	1
National Air Guard	1
Other	3
None	1
No Answer	1
Total:	100%

*Less than 1%

**Multiple Answers take more than one trip.

QUESTION 11.: IF IT WERE POSSIBLE TO LEASE OR PURCHASE UNDER SIMILAR ARRANGEMENTS AS DRIVER TRAINING SIMULATORS AND CARS, WOULD YOUR SCHOOL BE INTERESTED IN THE FOLLOWING:

A Simulator	
Yes	57%
No	15
No Answer	26
Already Have One	2
Total:	100%

An Airplane	
Yes	51%
No	20
No Answer	29
Total:	100%

QUESTION 12.: DO YOU BELONG TO EITHER OF THE FOLLOWING ORGANIZATIONS:

	YES	NO
National Aerospace Education Council	35%	65%
State Aviation Teachers' Organization	18	82